## Issue Classification



| Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-------------------------|---|
|                         |   |
| 10623609                | SEO ET AL.                              |
|                         |   |
| Examiner                | Art Unit                                |
|                         |   |
| Camie S Thompson        | 1794                                    |
|                         | 1134                                    |

| ORIGINAL  |     |     |                       |     |     |   |         | INTERNATIONAL CLASSIFICATION |  |  |  |  |             |  |  |  |
|---|-----|-----|-----------------------|-----|-----|---|---------|------------------------------|--|--|--|--|-------------|--|--|--|
| CLASS SUBCLASS  |     |     |                       |     |     |   | CLAIMED |                              |  |  |  |  | NON-CLAIMED |  |  |  |
| 428 690   |     |     |                       | Н   | 0   | 5 | В       | 33 / 00 (2006.01.01)         |  |  |  |  |             |  |  |  |
| CROSS REFERENCE(S)  CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) |     |     |                       | Н   | 0   | 1 | J       | 1 / 62 (2006.01.01)          |  |  |  |  |             |  |  |  |
|   |     |     | E SUBCLASS PER BLOCK) |     |     |   |         |                              |  |  |  |  |             |  |  |  |
| 428   | 917 |     |                       |     |     |   |         |                              |  |  |  |  |             |  |  |  |
| 313   | 504 | 506 |                       |     |     |   |         |                              |  |  |  |  |             |  |  |  |
| 257   | 40  | 79  | 101                   | 102 | 103 |   |         |                              |  |  |  |  |             |  |  |  |
|   |     |     |                       |     |     |   |         |                              |  |  |  |  |             |  |  |  |
|   |     |     |                       |     |     |   |         |                              |  |  |  |  |             |  |  |  |
|   |     |     |                       |     |     |   |         |                              |  |  |  |  |             |  |  |  |
|   |     |     |                       |     |     |   |         |                              |  |  |  |  |             |  |  |  |
|   |     |     |                       |     |     |   |         |                              |  |  |  |  |             |  |  |  |
|   |     |     |                       |     |     |   |         |                              |  |  |  |  |             |  |  |  |
|   |     |     |                       |     |     |   |         |                              |  |  |  |  |             |  |  |  |
|   |     |     |                       |     |     |   |         |                              |  |  |  |  |             |  |  |  |
|   |     |     |                       |     |     |   |         |                              |  |  |  |  |             |  |  |  |
|   |     |     |                       |     |     |   |         |                              |  |  |  |  |             |  |  |  |

|       | Claims re | numbere | d in the s | ame orde | r as prese | ented by a | ☐ CPA ⊠ T.D. ☐ R.1.47 |       |          |       |          |       |          |       |          |
|-------|-----------|---------|------------|----------|------------|------------|-----------------------|-------|----------|-------|----------|-------|----------|-------|----------|
| Final | Original  | Final   | Original   | Final    | Original   | Final      | Original              | Final | Original | Final | Original | Final | Original | Final | Original |
|       | 1         |         | 29         |          | 57         |            | 85                    |       | 113      |       | 141      |       | 169      | 9     | 197      |
|       | 2         |         | 30         |          | 58         |            | 86                    |       | 114      |       | 142      |       | 170      | 19    | 198      |
|       | 3         |         | 31         |          | 59         |            | 87                    |       | 115      |       | 143      |       | 171      | 29    | 199      |
|       | 4         |         | 32         |          | 60         |            | 88                    |       | 116      |       | 144      |       | 172      | 39    | 200      |
|       | 5         |         | 33         |          | 61         |            | 89                    |       | 117      |       | 145      | 6     | 173      |       | 201      |
|       | 6         |         | 34         |          | 62         |            | 90                    |       | 118      |       | 146      | 16    | 174      |       | 202      |
|       | 7         |         | 35         |          | 63         |            | 91                    |       | 119      |       | 147      | 26    | 175      |       | 203      |
|       | 8         |         | 36         |          | 64         |            | 92                    |       | 120      |       | 148      | 36    | 176      |       | 204      |
|       | 9         |         | 37         |          | 65         |            | 93                    |       | 121      |       | 149      |       | 177      | 10    | 205      |
|       | 10        |         | 38         |          | 66         |            | 94                    |       | 122      |       | 150      |       | 178      | 20    | 206      |
|       | 11        |         | 39         |          | 67         |            | 95                    |       | 123      |       | 151      |       | 179      | 30    | 207      |
|       | 12        |         | 40         |          | 68         |            | 96                    |       | 124      |       | 152      |       | 180      | 40    | 208      |
|       | 13        |         | 41         |          | 69         |            | 97                    |       | 125      | 2     | 153      | 7     | 181      |       |          |
|       | 14        |         | 42         |          | 70         |            | 98                    |       | 126      | 12    | 154      | 17    | 182      |       |          |
|       | 15        |         | 43         |          | 71         |            | 99                    |       | 127      | 3     | 155      | 27    | 183      |       |          |
|       | 16        |         | 44         |          | 72         |            | 100                   |       | 128      | 4     | 156      | 37    | 184      |       |          |

| /Camie S Thompson/<br>Examiner.Art Unit 1794                        | 3/24/09 | Total Claims Allowed: |                   |  |  |
|---|---------|-----------------------|-------------------|--|--|
| (Assistant Examiner)  | (Date)  |                       |                   |  |  |
| /D. Lawrence Tarazano/<br>Supervisory Patent Examiner.Art Unit 1794 | 3/28/09 | O.G. Print Claim(s)   | O.G. Print Figure |  |  |
| (Primary Examiner)  | (Date)  | 1                     | 5                 |  |  |

U.S. Patent and Trademark Office Part of Paper No. 20090324

## Issue Classification



| Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-------------------------|---|
| 10623609                | SEO ET AL.                              |
| Examiner                | Art Unit                                |
| Camie S Thompson        | 1794                                    |

| Claims re | numbered in the | same ord | er as prese | ented by a | pplicant |    | СР  | A 🗵 | T.D. |    | R.1.4 | 17 |
|-----------|-----------------|----------|-------------|------------|----------|----|-----|-----|------|----|-------|----|
| 17        | 45              |          | 73          |            | 101      |    | 129 | 5   | 157  |    | 185   |    |
| 18        | 46              |          | 74          |            | 102      |    | 130 | 13  | 158  |    | 186   |    |
| 19        | 47              |          | 75          |            | 103      |    | 131 | 14  | 159  |    | 187   |    |
| 20        | 48              |          | 76          |            | 104      |    | 132 | 15  | 160  |    | 188   |    |
| 21        | 49              |          | 77          |            | 105      | 1  | 133 | 22  | 161  | 8  | 189   |    |
| 22        | 50              |          | 78          |            | 106      | 11 | 134 | 32  | 162  | 18 | 190   |    |
| 23        | 51              |          | 79          |            | 107      | 21 | 135 | 23  | 163  | 28 | 191   |    |
| 24        | 52              |          | 80          |            | 108      | 31 | 136 | 24  | 164  | 38 | 192   |    |
| 25        | 53              |          | 81          |            | 109      |    | 137 | 25  | 165  |    | 193   |    |
| 26        | 54              |          | 82          |            | 110      |    | 138 | 33  | 166  |    | 194   |    |
| 27        | 55              |          | 83          |            | 111      |    | 139 | 34  | 167  |    | 195   |    |
| 28        | 56              |          | 84          |            | 112      |    | 140 | 35  | 168  |    | 196   |    |

| /Camie S Thompson/<br>Examiner.Art Unit 1794                        | 3/24/09 | Total Claims Allowed: |                   |  |  |  |
|---|---------|-----------------------|-------------------|--|--|--|
| (Assistant Examiner)  | (Date)  | 40                    |                   |  |  |  |
| /D. Lawrence Tarazano/<br>Supervisory Patent Examiner.Art Unit 1794 | 3/28/09 | O.G. Print Claim(s)   | O.G. Print Figure |  |  |  |
| (Primary Examiner)  | (Date)  | 1                     | 5                 |  |  |  |

U.S. Patent and Trademark Office Part of Paper No. 20090324